

# 2014 ANNUAL REPORT

# INVENTORY OF PROJECTS AND OTHER COLLABORATION



# Introduction

On August 6, 2004, Secretary of State Colin Powell, Danish Foreign Minister Per Stig Møller and Home Rule Deputy Premier Josef Motzfeldt met in the village of Igaliku in southern Greenland and committed their governments to a new framework for broad cooperation in

such fields as environment, science, energy, health, education, tourism, and trade. The goal was to deepen the ties between the United States and Greenland for the mutual benefit of our citizens.

The Igaliku agreement created the Joint Committee, a forum that advances common projects by fostering interaction and collaboration between government, academic and private institutions in the United States, Denmark, and Greenland.



Through our working groups on Language and Education and on Science, the Joint Committee has focused in recent years on promoting access to U.S. educational opportunities for Greenlandic students, improving English learning in Greenland, and facilitating traineeships for Greenlanders in the United States. This past year we added an informal economic working group to promote trade and investment ties between the United States and Greenland.

As the Joint Committee celebrates its tenth anniversary, this project inventory provides an overview of the progress we have made through the various active projects of the Joint Committee and through partnership inspired by that gathering on a sunny August day 10 years ago in Igaliku.

On behalf of the Joint Committee,

#### **Rufus Gifford**

Ambassador of the United States to the Kingdom of Denmark Chair of the Joint Committee Copenhagen, October 2, 2014



# **Table of Contents**

INTRODUCTION	2
TABLE OF CONTENTS	3
COLLABORATION IN LANGUAGE	4
Access to TOEFL Testing	4
U.S. Embassy Virtual Presence Website for Greenland	4
English Language Training Programs in Greenland in 2014	5
Greenlandic-English Dictionary Project	5
American Corner in Nuuk in 2014	6
Visitor Programs	6
COLLABORATION IN EDUCATION	7
Cooperation between the University of Greenland and the United States	7
Joint Science Education Project	8
Student Advising	8
Internship Opportunities	9
American Fulbright Scholars	9
North Atlantic Cross Border Law Cooperation Project	9
COLLABORATION IN SCIENCE	11
Kangerlussuaq Science Field School and Science Education Week	11
Operation IceBridge	12
Arctic Agriculture	13
Network of Circumpolar Infectious Disease Researchers	14
IGERT: Polar Environmental Change Student Training Program	15
GLOBE	17
COLLABORATION IN TRADE AND ECONOMIC DEVELOPMENT	17



# **Collaboration in Language**

## **Access to TOEFL Testing**

Increasing internationalization has been observed at the Greenland Business College in Nuuk over many years. This is partly due to facilitate the opportunity for students to study abroad in the English speaking countries such as the United Kingdom, Canada and the US. In order to seek admittance at foreign colleges, Greenlandic students will most likely be required to pass a Test of English as a Foreign Language (TOEFL). More than 6000 institutions and agencies



in 110 countries rely on TOEFL scores to select students with the English skills needed to succeed. The TOEFL covers all facets of English proficiency, including a test of spoken English. Due to the Greenland Business Schools work in Joint Committee and ETS.org, the TOEFL has been available at the Greenland Business College since January 2009. Greenland's Business School is also, as part of the project "Having a good life", offering courses and Elearning activities focusing on straitening the English skills.

The program does not receive funding as it charges the users for the services. The program gives Greenlandic people the opportunity to gain enrollment at US educational institutions. Hence, it meets the priority on improving the access to US educational institutions for Greenlandic students (and people in general).

The program has been marketed in the Business Schools monthly newsletter "NI news".

As of September 2014 Greenland Business College has conducted 27 successful TOEFLs. Various other dates for TOEFL testing are available online on the Business School's website <a href="http://ninuuk.gl/e-laering-ikt/toefl">http://ninuuk.gl/e-laering-ikt/toefl</a>

The TOEFL program at the Business School is a benefit to the Greenlandic public as it makes it possible to take the TOEFL test in Greenland instead of traveling to Denmark or Sweden.

GL Contact information: Per Thomsen, Greenland Business College Nuuk, <u>pt@ninuuk.gl</u> Ph: 00299 34 2561

US:Educational Testing Service, ets.org

#### U.S. Embassy Virtual Presence Website for Greenland

In late fall 2014, the U.S. Embassy will launch a "Virtual Presence Post" for Greenland. This site will provide information – in Greenlandic when applicable – with a whole range of issues related to U.S.-Greenlandic cooperation. This includes but is not limited to, doing business in the U.S. and Greenland; study in the U.S.; obtaining visas for the U.S.



The site also includes a teaching component, with material on U.S. history and culture, written in Greenlandic. This project will continue to develop and add content.

FY 2013: US Government Contribution: US\$ 2,600. FY 2014: US Government Contribution: US\$ 700

# **English Language Training Programs in Greenland in 2014**

In 2014, the Nuuk Business School completed its final vocational training programs in English for adult learners. The courses were tuition-free evening classes that ended with a test and a diploma for those who pass. As requested by the organizers of the Arctic Winter Games, the U.S. Embassy is prepared to fund a continuation of these classes that focus on developing English skills for the upcoming Games volunteers. The embassy awaits a joint proposal from the AWG and Nuuk Business School that will provide long-term competency building for the volunteers as a legacy of the Games.

#### **Past English Language Training:**

2010 until June 2014, Nuuk Business College ran a 6-month English language classes for 10 person in-class, and 13 on-line, for two to three hours each week.

The US Government has contributed approximately US\$ 21,000 each year to the program. From 2012 until 2013, Qaqortoq Business School ran a program of English teaching for adults, similar to the program in Nuuk Business College.

Annual US Government contribution: US\$ 7,500 - 8,000.

#### **English Language Fellow (ELF) program:**

From 2006-2009, the US government supported an English Language fellow in Greenland in cooperation with Inerisaaik. A highlight was when high school students in Nuuk performed an updated version of Romeo and Juliet (Angutie and Juliette) in the three languages <a href="http://www.youtube.com/watch?v=e\_D\_zSYg-6M">http://www.youtube.com/watch?v=e\_D\_zSYg-6M</a>. US contribution: US\$ 200,000.

# **Greenlandic-English Dictionary Project**

The project "The lexicon of a polysynthetic language" is part of a collaborative effort between two US linguists, Lenore Grenoble and Jerrold Sadock, in partnership with the staff of the Greenlandic Language Secretariat (Oqaasileriffik) (GLS), under the supervision of GLS Director Carl Christian Olsen (Puju), in a three-part project to focus on the lexicon of Kalaallisut (West-Greenlandic). The teams are collaborating to create a bilingual dictionary with the needs of both Kalaallisut and English speakers and language learners in mind. This is the Kalaallisut-English Dictionary, or KTO (Kalaallisuumiit-Tuluttuumut ordbogi). One dimension of the project focuses on place names reclamation project of the Greenland Place Names Committee (Nunat Aqqinik Aalajangiisartut), and the study of the interrelations between language, landscape and spatial relations in Greenland.

U.S. Embassy contributions: US\$ 10,000

Other U.S. Government contribution: US\$ 256,633 (from NSF BCS #1056497)



#### **American Corner in Nuuk in 2014**

In September 2004, the American Corner in Nuuk opened at the Eskimo Slot or joint Gymnasium-Teacher's College library. The US Embassy in Copenhagen continues to develop the American Corner unit at Eskimo Slottet in Nuuk. It has a close and very positive working relationship with the resident librarian. After the initial set up of computers and a core book collection, the U.S. Embassy continues to provide the American Corner with issues of the

Forum magazine for all English teachers in Greenland to use, DVDs and books. Continued support includes grants for new equipment and software and provided four Kindles that are loaded with US culture, education, and current event topics in order to facilitate the young people's access to information about the United States.

Initially the US Government contributed \$15,000 to establish the American Corner. Recent-year additions include computers, a television, software updates, and reading and educational materials.

State Department contribution: US\$ 22,500



#### **VISITOR PROGRAMS**

**International Visitor Leadership Program (IVLP):** Twenty four Greenlanders have participated in the US government-sponsored International Visitor Leadership Programs, spending up to three weeks in the United States. Greenland government officials, academics and business persons have participated, learning about U.S. systems and networking. Four

participants from Greenland participated in 2014 on programs about:

- -Small Business Development
- -Civic Leadership in Action
- -Women and Entrepreneurship
- -Science and Technology Education.

Total US contribution: approximately US\$ 220.000

INCHARGE A VISION I. CAUCHING PROGRAM

.S. Department of State

**Summer Institutes:** Two students (one from Nuuk and one from Ilulissat) were awarded a grant by the U.S. Embassy to study Environmental Stewardship at a four-week summer Institute in Kansas.

State Department contribution: US\$ 40,000

**Voluntary Visitor Program (VolVis):** Two representatives from the study administration at Greenland University in Nuuk went on a four-day program to Washington, D.C. and Boston, Massachusetts to study U.S.-Greenland cooperation in higher education in May 2014. The



program was funded by a co-sponsorship between the university and the U.S. State Department.

Youth for Understanding High School Stay: This summer, for the first time a young Greenlander began participation in the embassy-funded Youth For Understanding high school exchange on a "Diversity Scholarship". Amisuna Elias Berthelsen will be spending a year in Massachusetts. The Embassy has also funded YFU to take a recruiting trip to Greenland in order to select a qualified candidate to participate in program and consult with educational institutions in Greenland.

*US Government contribution FY 2013: US\$ 4,300 (travel) + US\$ 17,000 (scholarship 2014-2015)* 

US Government contribution FY 2014: US\$ 17,000 (scholarship 2015-2016)

### **Collaboration in Education**

# Co-operation between the University of Greenland and the United States

#### **Dartmouth College**

The University of Greenland's closest cooperation is with the Dartmouth College. The Dartmouth IGERT in Polar Environmental



Change supports the development of an interdisciplinary PhD program in polar sciences studying polar changes. The curriculum includes fieldwork in Greenland, which is followed up by lectures on The University of Greenland. In school year 2011 there is one Greenlandic student studying at Dartmouth College; the 2010 school year had two students at Dartmouth. As a result of the May 2014 Voluntary Visitor Program, the University of Greenland is ready to sign a memorandum of understanding with Dartmouth College that will pave the way for future collaboration.

#### **Towson University**

As a result of the Voluntary Visitor program in May 2014, the University of Greenland is developing an English Language training agreement with the University of Towson in Maryland. Towson University offers a two-month summer course in intensive English and the two Universities are in the process of developing a Memorandum of Understanding that will facilitate participation by interested University of Greenland students.

#### **Montana State University**

There were two Greenlandic students studying at Montana State University in Bozeman in the 2013-2014 academic year, and the University of Greenland is frequently having visitors from teachers and PhD students from Montana. The two universities collaborated on "Inuulluataarneq" (Having the Good Life) which is a National Science Foundation (NSF) funded Community-Based Participatory Research project. The Greenlandic students helped collect data and make analysis of the project "Having the good life". The direct collaboration with professors and students from Montana University, is giving the students experience in using English as a communication tool, but also the use of international research language.



"Having the good life" has also had a positive impact on the community true projects like for example the seminar held for teachers, on how to teach young people about safe sex.

#### **Joint Science Education Project (JSEP)**

Two projects aim to support natural science education and at the same time set focus on the collaboration and networks between the Greenland, the United States, and Denmark: The Summit



Camp Science in Education Week and the Kangerlussuaq Science Field School. The goal of both projects, grouped under the JSEP title, is to educate and inspire young students to pursue a natural science education and to build strong networks between students and teachers from the three countries. The summer camps also give students the opportunity to practice their English skills. Read more about JSEP in the Scientific Collaboration section of this report.

#### **Student Advising**

In accordance with the Education and Language Group's decision to increase focus on student advising the US Embassy has intensified its advising efforts and student interaction over the last two years in close cooperation with relevant institutions and organizations in Greenland and Denmark.

The Fulbright Commission and Denmark-America Foundation provide student advising and information for study abroad to Greenlandic students. The website is in Greenlandic at <a href="http://www.wemakeithappen.dk/index.php/component/content/article/154">http://www.wemakeithappen.dk/index.php/component/content/article/154</a>.

Brochures are available at the American Corner about student advising. As requested by the Business School, advising sessions are also provided via Co.NX (web chat) on an as needed basis with the offices in Copenhagen.

The US Embassy supported an Education USA visit by Marie Mønsted, Executive Director of the Fulbright Program and Denmark-America Foundation, to Nuuk in September 2014. The mandate of Education USA is to provide accurate, comprehensive, and current information about how to apply to U.S. colleges and universities. Executive Director Mønsted offered consultations with the institutions of higher learning and advising sessions with students and potential applicants. *US Government contribution: US\$ 4000* 

Embassy Officials, including Ambassador Gifford, also travelled to Greenland to meet with former and potential future exchange participants. In July 2014, Ambassador Gifford hosted a meeting with young people interested in furthering exchange with the U.S. at the Katuaq Cultural Center in Nuuk. In September 2014, two members of the Public Affairs section held a series of meetings with students and administrators from various educational institutions in Nuuk to discuss opportunities for future cooperation, including English language and embassy internships.

As discussed at our previous committee meeting the US Embassy has dedicated a part of our website to Greenlandic students. We have gathered all current, relevant information about studying in the U.S. here in order for the students to get a quick and easy overview of their options: <a href="http://denmark.usembassy.gov/gl.jc.study.html">http://denmark.usembassy.gov/gl.jc.study.html</a>. Please note that this website



will be updated in the very near future (reference above, under the Virtual Presence Post tab).

#### Student advising in cooperation with the Greenlandic student organization Avalak

In February, June and October 2013 and most recently in June 2014, the U.S. Embassy organized sessions with the Greenlandic student organization Avalak, in Denmark, to inform Greenlandic students about opportunities for study in the U.S. and for internships at the American Embassy.

#### **Student Advising Contact info:**

US: Emily Ronek, <u>RonekEV@state.gov</u> and Vibeke Musgrave, <u>MusgraveVH@state.gov</u> –

U.S. Embassy

GL: Karl Kristian Olsen, Ministry of Education, Church, Culture and Gender Equality,

kkol@nanoq.gl

DK: Marie Mønsted. Fulbright Commision, monsted@daf-fulb.dk

#### **Internship Opportunities**

Beginning in the fall of 2013, the Embassy has benefited from a Greenlandic intern each semester. The first two interns worked in our Economic and Public Affairs Sections, respectively, and the Embassy recently welcomed our third intern to work in our Political Section.

The National Science Foundation is exploring with the Government of Greenland, the U.S. Embassy in Denmark and Danish/Greenlandic companies ways to expand internship and training opportunities for Greenlandic students. Both the education and science committees continue to explore ways to link interested students to opportunities. A recent success story is the placement of a Greenlandic intern at the Polar Geospatial Center at the University of Minnesota to explore using remote sensing information for arctic research.

#### **American Fulbright Scholars**

Three American Fulbright Scholars have been nominated to work on projects related to both Denmark and Greenland. One of these took place in academic year 2012/2013 (the research topic was glass art), and two took place in academic year 2013/2014 (topics were fisheries and telemedicine respectively).

In October 2014, Greenland will play host to an American Fulbright Scholar for a full academic year. This Fulbrighter will be doing Graduate level studies in Anthropology focusing on the exploitation of mineral resources in Greenland.

US Government contribution for the 2014 Fulbrighter: approximately US\$ 40,000.

#### North Atlantic Cross Border Law Cooperation Project

Launched in 2013 to link legal experts at the University of Aalborg, the University of Greenland (Ilisimatusarfik), and in the United States, this project seeks to foster cross-border legal education cooperation in Arctic law to create and enhance academic, cultural and professional ties. Arctic law is a burgeoning legal studies area covering multiple



competences, including contract, environmental and energy law. These disciplines are crucial in the increasing sustainable development of Arctic natural resources. Project partners collaborate on research and scholarship, analyzing Arctic law topics across the Greenlandic, Danish and U.S. legal regimes. Arctic legal research collaboration will foster new cooperative cross-border student-to-student opportunities, encourage increasing numbers of Greenlandic students to pursue legal careers and eventually lead to establishment of a law course at Ilisimatusarfik, based in part on e-Learning, in collaboration with the University of Aalborg. Additionally, this North Atlantic project fosters international interest in Greenland's legal system.

# Cumulative U.S. Embassy Contributions to Various Language and Education Initiatives (in 1,000 US\$) as of July 2014:

Initiative	TOTAL
English Language Fellow (ELF) program	200
English Language Training	118.1
Greenlandic-English Dictionary Project	10
American Corner	22.5
Forum Magazine (subscription & shipping)	4.6
International Visitor Leadership Program	220
Youth For Understanding	38.3
Student Advising	9.0
Fulbright	90
Embassy Virtual Presence Website	3.3
TOTAL	715.8



# **Collaboration in Science**



# Kangerlussuaq Science Field School and Science Education Week, 2014

The Joint Science Education Project (JSEP) is a collaborative effort to educate and inspire the next generation of polar scientists endorsed by the Joint Committee. JSEP is a two-part program: the Kangerlussuaq Science Field School sponsored by the Government of Greenland and managed by Greenlandic educator, Kasper Busk (Kabu@nanoq.gl), and the U. S.-led Arctic Science Education Week sponsored by the National Science Foundation (NSF). Lynn Foshee Reed (Ireed@nsf.gov), an Albert Einstein Distinguished Educator Fellow at NSF, managed the program in 2014. Eighteen students from the United States, Greenland, and Denmark conduct experiments facilitated by seven teachers as well as dozens of researchers from all over the world. The program is physically demanding: during Science Education Week, students camp in subfreezing temperatures at the Summit Station research facility on the Greenland ice cap 10,000 feet above sea level. They also hike to glaciers, lakes, and other sites.



This year Joint Committee members, including U.S. Ambassador to the Kingdom of Denmark Rufus Gifford, visited JSEP students in Karngerlusuaaq. Students briefed the Ambassador



and delegation on their findings, demonstrated an experiment with "flubber," and hosted the delegation for a short party in the JSEP center.





# **Operation IceBridge**

Operation IceBridge, a NASA airborne mission making altimetry, radar, and other geophysical measurements to monitor and to characterize the Earth's cryosphere works closely to share its data with the Greenland Climate Research Center and the Technical University of Denmark. Outreach opportunities involving Greenlandic, U.S. and Danish media and teachers have included participation in Operation IceBridge flights.

ge NASA

Other innovative outreach strategies, including extensive partnerships with NSF, are being discussed. For more on Operation IceBridge, see http://www.nasa.gov/mission\_pages/icebridge/index.html.

For information on research in the United States, contact Lora S. Koenig, NASA Goddard Space flight Center, Email: lora.s.koenig@nasa.gov

For information on research in Greenland, contact Søren Rysgaard, Professor, Greenland Climate Research Center c/o Greenland Institute of Natural Resources, Email: rysgaard@natur.gl

For information on research in Denmark, contact René Forsberg, Head of Geodynamics, National Space Institute, Technical University of Denmark Email: rf@space.dtu.dk



## **Arctic Agriculture**

Agriculture is possible in Subarctic regions like Greenland, Alaska, Canada and Northern Scandinavia, but since the environment is different to Temperate settings, all the knowledge on agriculture developed in Temperate regions may not necessarily be implemented in the Subarctic. In recognition of this, the governments of the United States, Greenland and Denmark acknowledged that there is a need for further research in Arctic Agriculture. The group comprises researchers, gardeners and laymen from USA, Greenland, Denmark, Canada, Norway and Sweden. The overall goal of the Joint Committee project on Arctic Agriculture is:

- to strengthen research in Arctic and Subarctic agriculture
- to disseminate results to the general public in the Arctic and Subarctic
- to encourage people in the Arctic and Subarctic to increase agriculture and local gardening.





At the moment, the project is centered on 3 main activities:

Research on microorganisms associated with arctic agriculture: Beneficial bacteria and fungi, which inhibit the growth of plant pathogenic organisms, may be isolated from Arctic and Subarctic soils. Application of such biocontrol microorganisms in agriculture may ensure healthy products and cultivation practices without application of pesticides. For example, we are currently investigating how potato farming in Greenland is possible without crop rotation and with no pesticides. However, new know how is needed in order to develop organisms, which are tailor-made for Arctic and Subarctic environments.



Dissemination of results & establishing of local food security projects: Dissemination of university research to agencies and local, Aboriginal people through networking and educational activities. Activities include local agri-food skills programs in communities, schools, and public work-shops. Studies and compilation of specific food plant varieties, and developing ways to track success of food skills programs, yields and health impacts on communities. Future joint applied research projects in collaboration with other Circumpolar communities, may result in establishing a specialized agri-foods research station using the model of Greenland's experimental farm and garden center, Upernaviarsuk, where students can enter into a North of 60 degrees agri-food skills apprenticeship program.

Organizing International conferences: In June/July 2013, we organized an international conference on Arctic agriculture in Qaqortoq in South Greenland. The focus of the conference was to plan and coordinate future activities on Arctic Agriculture with special focus on plant diseases and micro-organisms associated with Arctic agriculture. An integral element of the conference was to tour Greenland's experimental farm and garden center, Upernaviarsuk, as well as local potato and sheep farms in Greenland with scientists, farming experts and plant pathologists from Alaska, Greenland, Denmark, Canada, Norway, and Sweden.

For information on research in the USA, contact Prof. Jenifer McBeath, University of Alaska, USA. jhmcbeath@alaska.edu

For information on research in Greenland and Denmark, contact Assoc. Prof. Peter Stougaard, University of Copenhagen, Denmark. psg@life.ku.dk

For information on dissemination, contact farming expert Lone Sorensen, Northern Roots, Yellowknife, Canada. lsorensen@northern-roots.ca

# **Network of Circumpolar Infectious Disease Researchers**

This Arctic health project involves expert researchers from Greenlandic, Denmark and the United States forging a network dedicated to fighting Arctic infectious diseases. Coordinating research enhances scientific discoveries and tackles devastating diseases, most notably hepatitis. This project involves leading academics from Alaska Tribal Health, the Centers for Disease Control, Greenlandic Medical Services and Statens Serum Institute. This group's discoveries will contribute to protecting the health of Greenlanders, Alaskans and other Arctic peoples. The project involves close cooperation with the International Union for Circumpolar Health (IUCH), an international non-governmental organization dedicated to Arctic medical knowledge exchanges. In 2012, approximately 20 Greenlandic early career medical professionals attended the IUCH Conference in Fairbanks, Alaska.

For information on research in the United States, contact Brian J McMahon, MD, MACP, Scientific Program and Clinical Director, Liver Disease and Hepatitis Program, Alaska Native Medical Center, bdm9@cdc.gov or Alan J. Parkinson PhD Co Chair, Arctic Investigations Program, Centers for Disease Control & Prevention, ajp1@cdc.gov



For information on research in Greenland, contact Gert Mulvad, MD Medical Clinic, National Health Service Post Box 1001 GL-3900 Nuuk Greenland Tel.: +299 344400 Fax: +299 344797, gm@peqqik.gl

For information on research in Denmark, contact Anders Koch, MD, PhD, MPH, Department of Epidemiology Research, Statens Serum Institut, Oerestads Boulevard 5, DK-2300 Copenhagen S, Denmark Phone.: +45 3268 3964

## **IGERT: Polar Environmental Change Student Training Program**

IGERT is the National Science Foundation's flagship interdisciplinary training program, educating U.S. Ph.D. scientists and engineers by building on the foundations of their disciplinary knowledge with interdisciplinary training. Collaborative research that transcends traditional disciplinary boundaries and requires teamwork provides students with the tools to become leaders in the science and engineering of the future. Diversity among the students contributes to their preparation to solve large and complex research problems of significant scientific and societal importance at the national and international level. IGERT students obtain the personal and professional skills to succeed in the careers of the 21st century.



The Institute of Arctic Studies has supported the Dartmouth/ University of Greenland exchange program since its inception in 2008. Dartmouth sees this exchange as a foundation for a long-term partnership with Greenland that will continue beyond the NSF funding window for IGERT. Support is has annually been provided to cover tuition, room and board and local costs for 1-2 students from the University of Greenland to attend one academic term at Dartmouth College. The Greenlandic students is are enrolled in two Dartmouth courses of



their choosing. They also conduct ongoing research under the supervision of Greenland faculty while taking advantage of the library resources and faculty expertise at Dartmouth. The Greenlandic students also work closely with the Dartmouth graduate students who will spending 5-6 weeks in Greenland during the IGERT Field Seminar. This has proven to be an invaluable opportunity for everyone involved. This partnership promotes greater understanding between U.S. and Greenlandic students and has fostered greater faculty cooperation between Dartmouth and Ilisimatusarfik.

Dartmouth graduate students and faculty have shared classroom and field instruction with JSEP (Joint Science Education Program) and Greenland Science Field School students at Summit Station and at the KISS facility in Kangerlussuaq. In 2014 Dartmouth students worked with JSEP students at Summit on studies of snow deposition and ice core interpretation and at Kangerlussuaq they made presentations and led field trips explored glacial history, permafrost soils and carbon cycling, aquatic ecology, and climate change.

The Institute of Arctic Studies Greenland Blog is a place where Dartmouth students share their research and their experiences with Greenlanders with a global community (dartmouthigert.wordpress.com).

Dartmouth and IGERT have funded 26 U.S. graduate students to come to Greenland to learn how to conduct and share science in partnership with Greenlanders and other northern peoples. Together with the Greenlandic students who have experienced the liberal education curriculum at Dartmouth, we believe a new kind of scientist is being trained, one who understand the social and cultural responsibilities of conducting research with indigenous peoples of the north.

IGERT funding concludes in 2014. The Joint Committee is grateful for the collaboration and lauds the success of this program.

For information on research in the United States, contact Lenore A. Grenoble, Carl Darling Buck Professor, Department of Slavic Languages & Literatures Department of Linguistics 1130 East 59th Street, University of Chicago, Chicago, Illinois 60637, (773) 702-0927 or Renee Crain, rcrain@nsf.gov

For information on research in Greenland, contact Tine Pars, Rector, Ilisimatusarfik, tipa@uni.gl

#### **GLOBE**

The Global Learning and Observations to Benefit the Environment (GLOBE) program is a worldwide hands-on, primary and secondary school-based science and education program. There is currently no active programming in Greenland at this time. The Joint Committee is grateful for the collaboration with the GLOBE program. For more information, see www.globe.gov.



# **Collaboration in Trade and Economic Development**

In October 2013, the U.S. proposed the establishment of an information working group for trade and economic development to expand collaboration on economic issues within the context of the Joint Committee. At the last meeting, the Joint Committee approved its establishment in recognition that trade, tourism, and economic development are of increasing interest as Greenland seeks to further diversify and develop its economy. Suggested initiatives included technical cooperation, enhanced information sharing, and trade promotion. In the field of technical cooperation, the U.S. proposes to expand technical cooperation between Joint Committee parties to enhance the exchange of information and best practices. As an example, the U.S. has offered the placement of an official foreign assignee in the U.S. Nuclear Regulatory Commission to instill regulatory awareness and capabilities and share best practices.

To promote enhanced information sharing, the U.S. Embassy has drafted two reports, similar to the annual reports produced about Denmark, on the economic and business conditions in Greenland. The Investment Climate Statement can be found here:

http://www.state.gov/e/eb/rls/othr/ics/2014/228796.htm

The Country Commercial Guide, as a special appendix to the Country Commercial Guide for Denmark, is available at:

http://www.buyusainfo.net/docs/x\_7018338.pdf

The goal of these public reports is to increase awareness within the U.S. public and private sector about Greenland. The U.S. Embassy will produce these reports on an annual basis.

To support expanded trade promotion, Joint Committee members have conducted outreach to the U.S. and Greenlandic private sectors, and to amplifying agencies such as state economic development offices. Based on outreach by the Greenland Representation Office, the State of Maine led a trade mission to Greenland in mid-2014 to explore potential investment opportunities. The Joint Committee is planning joint outreach in the fall of 2014 to U.S. firms through a video or teleconference to inform them of Greenland's investment climate, development priorities, and business opportunities.

During the year, the U.S. supported the participation of two young Greenlanders to the State Department's International Visitors Leadership Programs. The three-week professional exchange programs included young and emerging leaders from around the world, and offered the opportunity to cultivate relationships with their American counterparts and network with others in their field. Participants were selected for the Small Business Development program and the Women and Entrepreneurship program.

The Joint Committee looks forward to future collaboration in investment, trade, and tourism promotion activities.